Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006514.D
Acq On : 17 Jul 2016 13:36
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02070

Quant Time: Jul 18 07:44:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	131213	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	576236	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	325547	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	744365	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	855170	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	895764	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	24563	7.88	ng/uL	0.00
5) Phenol-d5	6.79	99	246304	22.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	149132	22.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	190565	21.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	189171	22.14	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	90954	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	99804	20.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	183169	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	238545	24.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	534869	20.07	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	690738	20.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	95928	20.73	ng/ul	0.00
57) Fluorene-d10	15.26	176	469253	19.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	78598	18.25	ng/ul	0.00
70) Anthracene-d10	17.12	188	733318	20.84	ng/ul	0.00
76) Pyrene-d10	19.42	212	826651	21.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	856566	20.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	28336	8.49	ng/uL#	21
4) Benzaldehyde	6.76	77	162765	25.06	ng/ul	97
6) Phenol	6.82	94	259857	22.93	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	197337	23.62	ng/ul	100
10) 2-Chlorophenol	7.18	128	196873	22.00	ng/ul	99
11) 2-Methylphenol	8.06	108	195264	23.13	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	289048	21.29	ng/ul	99
14) Acetophenone	8.43	105	313211	23.28	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	159021	22.40	ng/ul	97
16) 4-Methylphenol	8.39	108	209083	22.91	ng/ul	100
17) Hexachloroethane	8.68	117	82526	21.68	ng/ul	98
20) Nitrobenzene	8.81	77	232267	19.97	ng/ul	98
21) Isophorone	9.33	82	429591	20.69	ng/ul	99
23) 2-Nitrophenol	9.52	139	111936	20.62	ng/ul	97
24) 2,4-Dimethylphenol	9.58	107	234572	19.98	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.82	93	266124	21.43	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	187235	19.91	ng/ul	100
28) Naphthalene	10.45	128	606765	20.75	ng/ul	99
30) 4-Chloroaniline	10.56	127	251205	24.75	ng/ul	99
31) Hexachlorobutadiene	10.73	225	120635	18.79	ng/ul	100
32) Caprolactam	11.31	113	62330	20.87	ng/ul	95
33) 4-Chloro-3-methylphenol	11.69	107	209633	19.91	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	449773	20.41	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	231767	20.30	ng/ul	100
37) Hexachlorocyclopentadiene	12.42	237	83935	13.96	ng/ul	98
38) 2,4,6-Trichlorophenol	12.69	196	149392	20.15	ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	159375	20.87	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	563123	20.97	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	441091	21.00	ng/ul	98
42) 2-Nitroaniline	13.35	65	150033	20.89	ng/ul	97
44) Dimethylphthalate	13.73	163	546495	20.22	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	108785	20.25	ng/ul	95
47) Acenaphthylene	13.99	152	730223	21.29	ng/ul	100
48) 3-Nitroaniline	14.18	138	122055	24.12	ng/ul	95
49) Acenaphthene	14.33	153	465671	21.10	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	46069	15.10	ng/ul	90
52) 4-Nitrophenol	14.50	109	94359	18.01	ng/ul	97
53) Dibenzofuran	14.67	168	660916	20.57	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	163714	20.39	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	139014	20.09	ng/ul	99
56) Diethylphthalate	15.10	149	561191	19.68	ng/ul	98
58) Fluorene	15.32	166	530973	20.66	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	259840	19.88	ng/ul	99
60) 4-Nitroaniline	15.35	138	137108	22.85	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.41	198	85565	18.66	ng/ul	95
64) N-Nitrosodiphenylamine	15.53	169	468114	21.40	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	170171	20.52	ng/ul	98
66) Hexachlorobenzene	16.33	284	184677	19.97	ng/ul	99
67) Atrazine	16.49	200	172887	21.39	ng/ul	98
68) Pentachlorophenol	16.67	266	88385	19.88	ng/ul	98
69) Phenanthrene	17.06	178	855823	20.91	ng/ul	99
71) Anthracene	17.15	178	901452	21.41	ng/ul	99
72) Carbazole	17.42	167	806226	22.65	ng/ul	99
73) Di-n-butylphthalate	17.99	149	986783	20.27	ng/ul	100
74) Fluoranthene	19.08	202	1038321	21.83	ng/ul	100
77) Pyrene	19.44	202	1083583	21.22	ng/ul	100
78) Butylbenzylphthalate	20.36	149	469802	20.93	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.14	252	364098	21.86	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1072188	20.54	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	652448	20.93	ng/ul	100
82) Chrysene	21.25	228	991388	20.17	ng/ul	98
84) Di-n-octyl phthalate	22.00	149	1221306	23.39	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1144282	21.37	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1034689	20.55	ng/ul	99
88) Benzo(a)pyrene	23.32	252	1087381	21.21	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.61	276	1263272	21.17	ng/ul	99
90) Dibenzo(a,h)anthracene	25.62	278	1058426	21.35	ng/ul	99
91) Benzo(g,h,i)perylene	26.28	276	1064183	20.18	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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